

Technical Data Sheet

ARO-BOND® 680

SPRAY CONTACT ADHESIVE



ARO-BOND® 680 IS A FAST DRYING SPRAYABLE CONTACT ADHESIVE BASED ON POLYCHLOROPRENE RUBBERS AND GIVES A LONG OPEN TIME.

ARO-BOND® 680 GIVES HIGH HEAT RESISTANCE AND IS USED IN THE LAMINATION AND POSTFORMING OF HIGH PRESSURE LAMINATES.

Aro-Bond® 680 has also proved successful in both the automotive and marine industries for bonding insulation, headlinings and bulkhead materials. Aro-Bond® 680 demonstrates good adhesion to wood, polyurethane foam, elastomers, plastics and metals.

BENEFITS

- Fast drying
- Good heat resistance
- Long open time
- Multiple applications

AVAILABLE COLOURS

Neutral Red

TECHNICAL DATA

Viscosity:	150 mPAs
Specific gravity:	0.8
Flammability:	Flammable
Flashpoint:	-18°C
Open time:	2 - 30 minutes
Coverage (sprayed):	10sqm per ltr
AVAILABLE SIZES	
Tin	5ltr
Drum	25ltr
Drum	205ltr

PREPARATION AND APPLICATION

Ensure that the surfaces to be bonded are smooth, clean and free from dust or other deposits.

Surfaces to be bonded should be preconditioned with the adhesive to a temperature within the range 15 - 20°C. Aro-Bond® 680 should be stirred before use.

For best results, Aro-Bond® 680 should be applied using a pump or pressure pot system. Operating the gun approximately 225-300mm from the workpiece, the adhesive should be applied in a fine and even coat to both surfaces to be bonded. After allowing at least 2 minutes for the solvent to flash off, carefully align the substrates and then bring surfaces together using maximum pressure relative to the materials being bonded. Pressure may be applied using a double handed roller, nip roller or a platen press as long as the substrates will not be crushed. Optimum performance is dependent on sufficient pressure being applied. Handling and trimming may be commenced immediately.

HANDLING AND STORAGE

Consult Material Safety Data Sheet prior to use

Aro-Bond® 680 should be stored in the original containers in a cool, dry place, at a temperature range of between 10°C and 25°C. In these conditions it has a storage life of 6 months. Aro-Bond® 680 must not be allowed to freeze.

LIMITATIONS

Aro-Bond® 680 is not recommended for use with plasticised vinyls, flexible plastics, expanded/extruded polystyrene, PE or PP.

DISCLAIMER: Due to the variation in materials likely to be handled by prospective users of this product, together with differences in production techniques and ultimate performance required, it is important that this product is thoroughly evaluated under production and end use conditions before being commercially adopted. Such an evaluation should incorporate an ageing test and this test should be repeated if the substrates on which the this product is used are changed in any way or are purchased from a different source. During the evaluation and testing of the product, it is the purchasers/end user's responsibility to carry out appropriate actions for the protection of the environment, the health and safety of its employees and purchasers of its products. No employee of Ureka Global Ltd has any authority to waive or change the forgoing provisions. The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be made in writing to the head office of Ureka Global Ltd.

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